

What is claimed is:

1. A magnetic tape cartridge comprising:

a cartridge case with a tape leader opening in a side wall;

5 a single tape reel having magnetic tape wound thereon rotatably housed within said cartridge case; and

a tape leader pin, firmly attached to a leading end of said magnetic tape, and detachably held near said tape leader opening by a spring member;

wherein a surface hardness of a sliding surface of said spring member with respect to said tape leader pin is higher than that of said tape leader pin.

2. The magnetic tape cartridge as set forth in claim 1, wherein said spring member is formed from stainless steel and said sliding surface of said spring member is plated with chromium or nickel.

3. The magnetic tape cartridge as set forth in claim 2, wherein said sliding surface has a surface hardness  $H_v$  of 500 to 700.

20 4. The magnetic tape cartridge as set forth in claim 2, wherein said tape leader pin is formed from relatively soft metal material.

5. The magnetic tape cartridge as set forth in claim 4, wherein said relatively soft metal material is aluminum.

25 6. The magnetic tape cartridge as set forth in claim 2, wherein said tape leader pin is formed from synthetic resin.

7. The magnetic tape cartridge as set forth in claim 6, wherein said synthetic resin comprises polycarbonate resin.

8. A magnetic tape cartridge comprising:

a cartridge case with a tape leader opening in a side wall;

a single tape reel having magnetic tape wound thereon rotatably housed within said cartridge case; and

a tape leader pin, firmly attached to a leading end of said magnetic tape, and detachably held near said tape leader opening by a spring member;

wherein at least either a sliding surface of said spring member or a sliding surface of said tape leader pin is subjected to a surface roughening process.

9. The magnetic tape cartridge as set forth in claim 8, wherein the sliding surface subjected to said surface roughening process has a surface roughness of 0.5 to 3.0  $\mu\text{m}$  in terms of 10-point mean roughness.

10. A magnetic tape cartridge comprising:

a cartridge case with a tape leader opening in a side wall;

a single tape reel having magnetic tape wound thereon rotatably housed within said cartridge case; and

a tape leader pin, firmly attached to a leading end of said magnetic tape, and detachably held near said tape leader opening by a spring member comprising a plate spring;

wherein at least a sliding surface of said plate spring

DATE	NAME	AGE	RELATION	RESIDENCE	REMARKS
1911	John	12	Son	1234 Main St.	Good
1912	Mary	10	Daughter	1234 Main St.	Good
1913	James	8	Son	1234 Main St.	Good
1914	Elizabeth	6	Daughter	1234 Main St.	Good
1915	William	4	Son	1234 Main St.	Good
1916	Anna	2	Daughter	1234 Main St.	Good
1917	Robert	1	Son	1234 Main St.	Good
1918	John	1	Son	1234 Main St.	Good
1919	Mary	1	Daughter	1234 Main St.	Good
1920	James	1	Son	1234 Main St.	Good
1921	Elizabeth	1	Daughter	1234 Main St.	Good
1922	William	1	Son	1234 Main St.	Good
1923	Anna	1	Daughter	1234 Main St.	Good
1924	Robert	1	Son	1234 Main St.	Good
1925	John	1	Son	1234 Main St.	Good
1926	Mary	1	Daughter	1234 Main St.	Good
1927	James	1	Son	1234 Main St.	Good
1928	Elizabeth	1	Daughter	1234 Main St.	Good
1929	William	1	Son	1234 Main St.	Good
1930	Anna	1	Daughter	1234 Main St.	Good
1931	Robert	1	Son	1234 Main St.	Good
1932	John	1	Son	1234 Main St.	Good
1933	Mary	1	Daughter	1234 Main St.	Good
1934	James	1	Son	1234 Main St.	Good
1935	Elizabeth	1	Daughter	1234 Main St.	Good
1936	William	1	Son	1234 Main St.	Good
1937	Anna	1	Daughter	1234 Main St.	Good
1938	Robert	1	Son	1234 Main St.	Good
1939	John	1	Son	1234 Main St.	Good
1940	Mary	1	Daughter	1234 Main St.	Good
1941	James	1	Son	1234 Main St.	Good
1942	Elizabeth	1	Daughter	1234 Main St.	Good
1943	William	1	Son	1234 Main St.	Good
1944	Anna	1	Daughter	1234 Main St.	Good
1945	Robert	1	Son	1234 Main St.	Good
1946	John	1	Son	1234 Main St.	Good
1947	Mary	1	Daughter	1234 Main St.	Good
1948	James	1	Son	1234 Main St.	Good
1949	Elizabeth	1	Daughter	1234 Main St.	Good
1950	William	1	Son	1234 Main St.	Good
1951	Anna	1	Daughter	1234 Main St.	Good
1952	Robert	1	Son	1234 Main St.	Good
1953	John	1	Son	1234 Main St.	Good
1954	Mary	1	Daughter	1234 Main St.	Good
1955	James	1	Son	1234 Main St.	Good
1956	Elizabeth	1	Daughter	1234 Main St.	Good
1957	William	1	Son	1234 Main St.	Good
1958	Anna	1	Daughter	1234 Main St.	Good
1959	Robert	1	Son	1234 Main St.	Good
1960	John	1	Son	1234 Main St.	Good
1961	Mary	1	Daughter	1234 Main St.	Good
1962	James	1	Son	1234 Main St.	Good
1963	Elizabeth	1	Daughter	1234 Main St.	Good
1964	William	1	Son	1234 Main St.	Good
1965	Anna	1	Daughter	1234 Main St.	Good
1966	Robert	1	Son	1234 Main St.	Good
1967	John	1	Son	1234 Main St.	Good
1968	Mary	1	Daughter	1234 Main St.	Good
1969	James	1	Son	1234 Main St.	Good
1970	Elizabeth	1	Daughter	1234 Main St.	Good
1971	William	1	Son	1234 Main St.	Good
1972	Anna	1	Daughter	1234 Main St.	Good
1973	Robert	1	Son	1234 Main St.	Good
1974	John	1	Son	1234 Main St.	Good
1975	Mary	1	Daughter	1234 Main St.	Good
1976	James	1	Son	1234 Main St.	Good
1977	Elizabeth	1	Daughter	1234 Main St.	Good
1978	William	1	Son	1234 Main St.	Good
1979	Anna	1	Daughter	1234 Main St.	Good
1980	Robert	1	Son	1234 Main St.	Good